Darren Xu

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EDUCATION

University of New South Wales | Bachelor of Data Science & Decisions   **Feb 2020 – present**

- Majoring in Quantitative Data Science
- Coursework in statistics, computer science and economics

WORK EXPERIENCE

Deloitte | Data & Analytics Intern, Risk Advisory   **Nov 2021 – Feb 2022**

- Utilised Python to build an automated data visualisation tool bucketing 20,000+ rows of timesheet data extracted from a database
- Produced a function using Python integrating and naming all workflow datasets to the data visualisation tool with Dataiku DSS
- Cleaned and extensively verified 50,000+ records for further analysis using SQL and Excel
- Validated 2,000+ samples of raw document data with Abbyy FlexiCapture

North Shore Coaching College | Mathematics Tutor   **Feb 2021 – Nov 2021**

- Taught weekly Year 7 and Year 8 mathematics classes
- Executed lesson plans aimed towards collective learning and improvement

Chemist Warehouse | Pharmacy Assistant   **Dec 2019 – Oct 2021**

- Consistently facilitated sales, engaged with colleagues and maintained store presentability

EXTRACURRICULARS

UNSW Regulation Society | IT Subcommittee Member   **Apr 2022 – present**

- Supported construction of the society's website and maintained and improved its digital products with a team of 5

UNSW Data Science Society | Peer Mentor   **Feb 2022 – present**

- Guided 3 mentees through university, the BDataSci degree and organised weekly catchups

UNSW School of Mathematics & Statistics | Course Representative   **Sep 2020 – Nov 2020**

- Liaised with 2 lecturers and 2 co-representatives to improve the quality of MATH1081: Discrete Mathematics for future students

PROJECTS

Stock Visualisation | github.com/darrenlxu/stock-forecast-tool   **Feb 2022**

- Built an automated stock price and stock volume visualisation tool – 5 year range – with Python, taking ticker symbols through input from the user

NFL Combine | github.com/darrenlxu/nfl-combine-project   **Aug 2021**

- Examined the relationship between a draft prospect's drill results and physical traits, deployed through predictive models and data visualisations using Python

SKILLS & INTERESTS

Programming Languages: Python, SQL, R, SAS, CSS, HTML, C
Technologies: Git, Microsoft Office, Tableau, Abbyy FlexiCapture, Dataiku DSS
Interests: NFL, F1, space/aerospace, stock market, TV shows, runs/hikes, web development